## DESIGN OF 30,000 DWT AND 53,000 DWT BULK CARRIERS BOTH CONVENTIONAL AND COMPUTER AIDED DESIGN SOFTWARE

## V. CH SANDEEP RAJ<sup>1</sup>, B. N MALLESWARA RAO<sup>2</sup> & V. V. S PRASAD<sup>3</sup>

<sup>1,2</sup>M.E (Marine and Mechanical Handling) Students, Department of Marine Engineering, Andhra University College of Engineering, Visakhapatnam, Andhra Pradesh, India

<sup>3</sup>Professor, Department of Marine Engineering, Andhra University College of engineering, Visakhapatnam, India

## **ABSTRACT**

The design of a bulk carrier ship hull is done either by using B.S.R.A results or Taylor's series by conventional methods which may results in some inaccuracies in the design. Two bulk carriers of 30,000 DWT and 53,000 DWT are designed using the computer aided design software and the results are shown the ship is designed using the modern computer design application softwares

KEYWORDS: Computer Design Application Softwares, Ships, DWT